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September 29, B.C. 7, at Paris mean midnight.
Sun's longitude, 184° 17′ 7″·6.

	Geoc. Long.		Geoc. Lat.
	° ′ ″		° ′ ″
Jupiter	347 35 5	..	1 46 13 S.
Saturn	347 32 20	..	2 44 18 S.

May 29, B.C. 7, at Paris mean midnight.
Sun's longitude, 64° 59′ 15″·4.

	Geoc. Long.		Geoc. Lat.
	° ′ ″		° ′ ″
Jupiter	351 1 17·3	..	1 20 57·3
Saturn	350 59 42·7	..	2 19 57·1

From these results it would appear that in a latitude not differing much from that of Jerusalem, on Dec. 4, B.C. 7, the planets would be about 1½ hour east of the meridian at sunset, and would, on May 29, rise about 3½ hours before sunrise.

The author has computed other two ancient conjunctions, one of which occurred in the year B.C. 66, and the other in the year A.D. 54. The distance between the two planets on the occasion of the conjunction in the year 66 was found to be only 55′. With respect to the conjunction of 54 A.D., the planets were too near the sun to be visible.

The results of the author's researches were confirmed by calculations executed independently at the Royal Observatory by the instructions of the Astronomer Royal.

Results of the Observations of Small Planets made at the Royal Observatory, Greenwich, chiefly in July, August, and September, 1856.

Flora.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, June 28	11 0 21·38	17 29 13·63	109 32 6·96
July 1	10 45 25·30	17 26 4·78	109 38 46·12
2	10 40 28·60	17 25 3·82	109 41 1·33
3	10 35 33·18	17 24 4·14	109 43 18·44
16	9 33 45·70	17 13 21·74	110 14 56·72

Thalia.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, Sept. 16	14 20 30·60	2 5 20·67	90 3 31·42

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Melpomene.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, Sept. 16	15 0 37·50	2 45 33·68	88 35 6·09
23	14 34 54·60	2 47 22·50	89 51 24·38

Euterpe.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, July 22	13 44 59·40	21 48 56·09	105 0 3·18
30	13 7 10·37	21 42 33·31	105 38 50·72
31	13 2 21·87	21 41 40·58	105 43 57·47
Aug. 5	12 38 7·20	21 37 4·70	106 10 13·86
7	12 28 20·52	21 35 9·54	106 20 46·83
12	12 3 47·25	21 30 15·02	106 47 17·89
14	11 53 56·71	21 28 15·97	106 57 38·67
Sept. 4	10 12 20·90	21 9 11·12	108 27 57·99
5	10 7 41·31	21 8 27·33	108 31 34·95

Metis.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, June 28	12 53 28·99	19 22 39·82	117 26 42·21
July 9	11 58 36·22	19 11 0·18	118 8 22·58
Aug. 5	9 47 2·43	18 45 31·83	119 3 16·64

Eunomia.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, Sept. 2	14 23 2·53	1 12 40·83	62 49 25·32
3	14 18 53·79	1 12 27·97	62 41 50·73
4	14 14 40·83	1 12 10·87	62 34 31·62
16	13 22 16·40	1 6 56·49	61 27 11·72
20	13 3 54·22	1 4 17·49	61 14 14·88
23	12 49 53·20	1 2 3·83	61 7 59·15
30	12 16 31·50	0 56 12·54	61 5 34·93

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Isis.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, June 7	10 50 58·06	15 57 1·03	105 54 12·75
11	10 31 21·44	15 53 7·42	106 5 45·56
14	10 16 51·76	15 53 25·04	106 15 21·59

Fortuna.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, Sept. 16	12 56 48·60	0 41 24·51	84 3 38·05
30	11 50 48·40	0 30 25·19	85 26 38·88

Astrea.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, July 3	13 32 25·85	20 21 25·87	106 6 37·66
29	11 27 32·32	19 58 42·33	107 49 16·76
Aug. 2	11 8 20·53	19 55 13·62	108 5 26·70
4	10 58 48·39	19 53 33·02	108 13 17·16
5	10 54 3·16	19 52 43·57	108 17 17·55

Irene.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, Aug. 2	13 55 5·99	22 42 26·47	110 47 9·07
4	13 45 53·02	22 41 5·11	111 1 24·29
5	13 41 14·11	22 40 21·98	111 8 37·77
7	13 31 55·23	22 38 54·70	111 22 48·37
14	12 58 40·41	22 33 20·34	112 11 41·48
Sept. 22	9 54 6·0	22 1 51·21	114 51 2·31

Calliope.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, Aug. 4	13 57 4·51	22 52 18·43	119 7 46·82

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Circe.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, Aug. 5	11 18 58·54	20 17 43·04	102 29 51·49
21	10 4 42·82	20 6 20·02	103 36 40·33
28	9 33 (38·2)	....	104 4 41·45

Hygeia.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, July 22	13 48 59·14	21 52 56·49	99 54 22·70
25	13 35 19·57	21 51 4·36	100 0 10·24
29	13 16 55·91	21 48 23·89	100 9 0·18
30	13 12 18·50	21 47 42·28	100 11 22·40
31	13 7 40·08	21 46 59·66	100 13 51·14
Aug. 2	12 58 21·70	21 45 32·86	100 18 57·92
4	12 49 1·71	21 44 4·45	100 24 18·26
5	12 44 20·93	21 43 19·45	100 27 2·08
6	12 39 39·69	21 42 34·01	100 29 51·20
7	12 34 58·36	21 41 48·47	100 32 42·39
8	12 30 16·86	21 41 2·76	100 35 32·02
9	12 25 34·9	21 40 16·63	100 38 26·52
12	12 11 28·21	21 37 57·25	100 47 22·05
14	12 2 3·52	21 36 24·12	100 53 27·41
29	10 51 59·41	21 25 16·83	101 38 46·41
Sept. 2	10 33 38·95	21 22 39·56	101 50 4·05
3	10 29 6·04	21 22 2·46	101 52 43·87
4	10 24 33·74	21 21 25·97	101 55 19·38
5	10 20 2·66	21 20 50·71	101 57 53·45
22	9 5 55·55	21 13 32·83	102 31 59·76
23	9 1 44·13	21 13 17·28	102 33 23·24
29	8 36 59·79	21 12 8·19	102 40 0·40

Themis.

Mean Solar Time of Observation.		Apparent R.A.	Apparent N.P.D.
	h m s	h m s	° ′ ″
1856, Sept. 16	13 50 17·50	1 35 2·51	80 28 34·42
23	13 18 45·40	1 31 0·78	80 49 47·38